

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jun Koyama et al. Art Unit : 2629
 Serial No. : 09/923,433 Examiner : Kent Chang
 Filed : August 8, 2001 Conf. No. : 9952
 Title : LIQUID CRYSTAL DISPLAY DEVICE, METHOD OF DRIVING THE SAME,
 AND METHOD OF DRIVING A PORTABLE INFORMATION DEVICE
 HAVING THE LIQUID CRYSTAL DISPLAY DEVICE

MAIL STOP AF

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

Submitted herewith is an English translation of the following foreign language references, or portions thereof:

Desig. ID	Source
AQ	Japan 06-011734 – English Abstract: esp@cenet.com and family to U.S. Patent No. 5,515,187 (Desig. ID “AC”) and European Patent Application No. EP 0 566 408 (Desig. ID “AN”).
AR	Japan 09-243996 – English Abstract: esp@cenet.com .
AS	Japan 09-258168 – English Abstract: esp@cenet.com and family to U.S. Patent No. 6,115,017 (Desig. ID “AE”), U.S. Patent Application Publication No. 2005-0078073 (Desig. ID “AA”) and European Patent Application No. EP 0 797 182 (Desig. ID “AO”).
AT	Japan 10-068931 – English Abstract: esp@cenet.com and family to U.S. Patent No. 6,335,778 (Desig. ID “AG”).
AU	Japan 10-228012 – English Abstract: esp@cenet.com .
AV	Japan 10-503032 – English Abstract: esp@cenet.com and family to U.S. Patent No. 5,483,366 (Desig. ID “AB”), U.S. Patent No. 6,078,364 (Desig. ID “AD”) and PCT Application No. WO98-002866 (Desig. ID “AZ”).
AW	Japan 11-085111 – English Abstract: esp@cenet.com and family to U.S. Patent No. 6,256,024 (Desig. ID “AF”).

Desig. ID	Source
AX	Japan 11-218781 – English Abstract: esp@cenet.com and family to U.S. Patent No. 6,433,767 (Desig. ID “AH”), U.S. Patent No. 6,433,841 (Desig. ID “AI”), U.S. Patent No. 6,611,301 (Desig. ID “AJ”), U.S. Patent No. 6,703,997 (Desig. ID “AL”) and U.S. Patent No. 6,897,932 (Desig. ID “AM”).
AY	Japan 2001-281635 – English Abstract: esp@cenet.com and family to U.S. Patent No. 6,621,477 (Desig. ID “AK”) and European Patent No. 1 139 327 (Desig. ID “AP”).

This statement is being filed after issuance of a Notice of Allowance, but before payment of the issue fee. Each item of information in this statement, with the exception of references “AA” to “AP” and “AZ”, (i) was cited in a communication from a foreign patent office in a counterpart foreign application, the communication being dated January 23, 2007, which is not more than three months prior to the filing of this statement, and (ii) was not first cited in any communication from a foreign patent office in a counterpart application which was more than three months prior to the filing date of this statement. References “AA” to “AP” and “AZ” are English-language documents corresponding to references “AQ”, “AS”, “AT” and “AV” to “AY” as set forth above, and are cited in accordance with MPEP 609(III)(B)(5).

Payment of the \$180 late submission fee of §1.17(p) is being made concurrently with this submission through the Electronic Filing System. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 2/9/07

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-064001	Application No. 09/923,433
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Jun Koyama et al.	
		Filing Date August 8, 2001	Group Art Unit 2629
(37 CFR §1.98(b))			

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2005-0078073	04/14/2005	MIKAMI et al.			12/03/2004
	AB	5,483,366	01/09/1996	ATHERTON			07/20/1994
	AC	5,515,187	05/07/1996	NAKAMURA et al.			04/14/1993
	AD	6,078,364	06/20/2000	ATHERTON			06/07/1995
	AE	6,115,017	09/05/2000	MIKAMI et al.			03/19/1997
	AF	6,256,024	07/03/2001	MAEKAWA			09/02/1998
	AG	6,335,778	01/01/2002	KUBOTA et al.			07/28/1997
	AH	6,433,767	08/13/2002	MURADE			02/01/1999
	AI	6,433,841	08/13/2002	MURADE et al.			12/21/1998
	AJ	6,611,301	08/26/2003	MURADE et al.			05/24/2002
	AK	6,621,477	09/16/2003	INOUE et al.			11/09/2000
	AL	6,703,997	03/09/2004	MURADE			06/26/2002
	AM	6,897,932	05/24/2005	MURADE et al.			03/24/2003

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	AN	EP0 566 408	10/20/1993	EUROPE			In English	
	AO	EP0 797 182	09/24/1997	EUROPE			In English	
	AP	EP1 139 327	10/04/2001	EUROPE			In English	
	AQ	JP06-011734	01/21/1994	JAPAN			Abstract	
	AR	JP09-243996	09/19/1997	JAPAN			Abstract	
	AS	JP09-258168	10/03/1997	JAPAN			Abstract	
	AT	JP10-068931	03/10/1998	JAPAN			Abstract	
	AU	JP10-228012	08/25/1998	JAPAN			Abstract	
	AV	JP10-503032	03/17/1998	JAPAN			Abstract	
	AW	JP11-085111	03/30/1999	JAPAN			Abstract	
	AX	JP11-218781	08/10/1999	JAPAN			Abstract	

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-064001	Application No. 09/923,433
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub- class	Translation	
							Yes	No
	AY	JP2001-281635	10/10/2001	JAPAN			Abstract	
	AZ	WO96-002866	02/01/1996	WIPO / PCT			In English	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	BA	
	BB	
	BC	

Examiner Signature	Date Considered
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